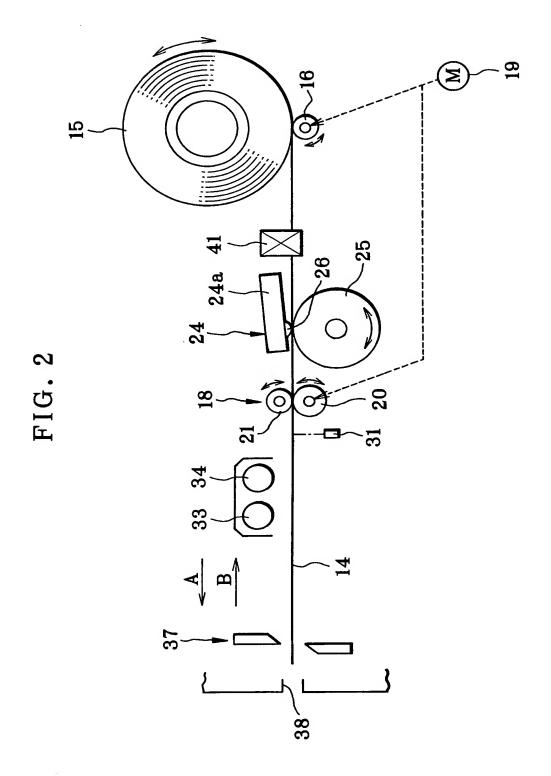
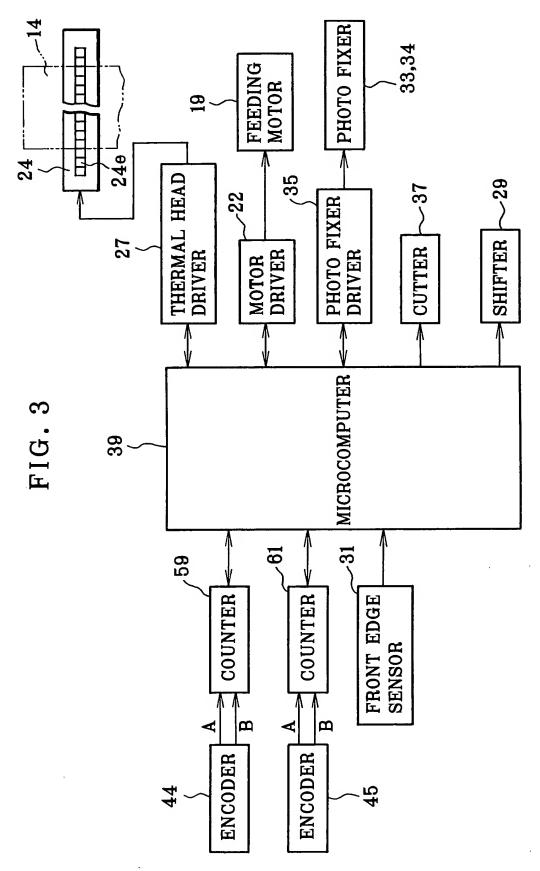


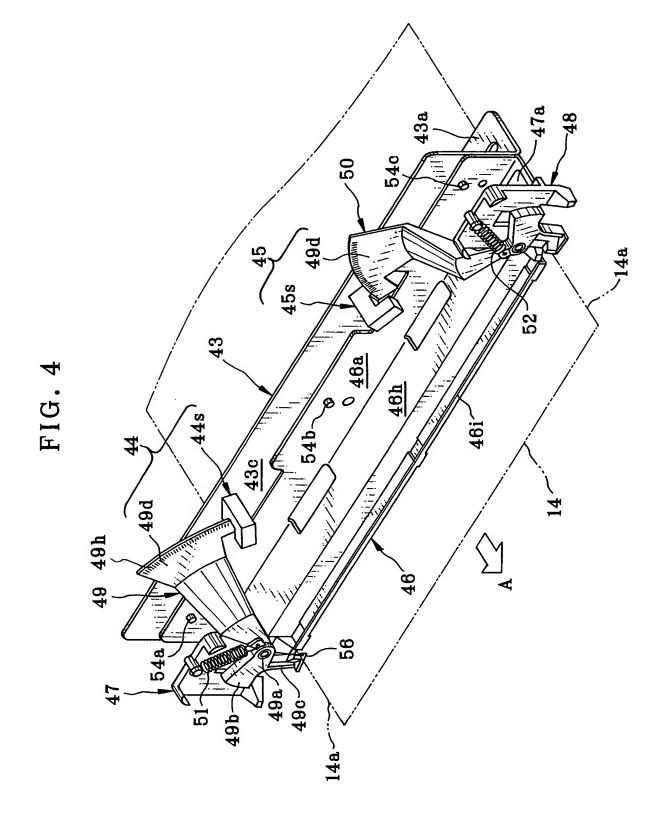
Junji HAYASHI Q78163 LATERAL EDGE POSITION DETECTOR... Filing Date: October 28, 2003 Darryl Mexic 202-663-7909 2 of 12



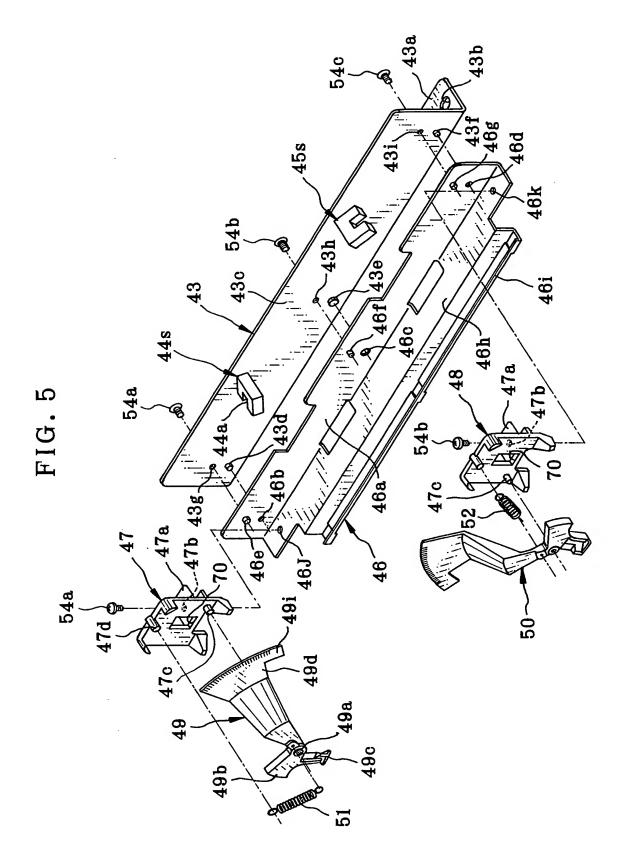
Junji HAYASHI Q78163 LATERAL EDGE POSITION DETECTOR... Filing Date: October 28, 2003 Darryl Mexic 202-663-7909 3 of 12



Junji HAYASHI Q78163 LATERAL EDGE POSITION DETECTOR... Filing Date: October 28, 2003 Darryl Mexic 202-663-7909 4 of 12



Junji HAYASHI Q78163 LATERAL EDGE POSITION DETECTOR... Filing Date: October 28, 2003 Darryl Mexic 202-663-7909 5 of 12



Junji HAYASHI Q78163 LATERAL EDGE POSITION DETECTOR... Filing Date: October 28, 2003 Darryl Mexic 202-663-7909 6 of 12

FIG. 6

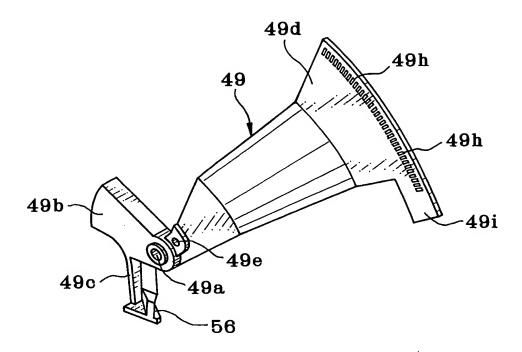
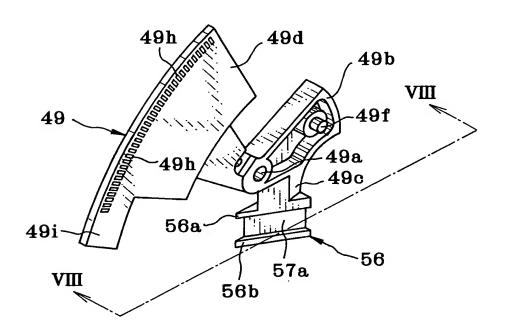


FIG. 7



Junji HAYASHI Q78163 LATERAL EDGE POSITION DETECTOR... Filing Date: October 28, 2003 Darryl Mexic 202-663-7909 7 of 12

FIG. 8

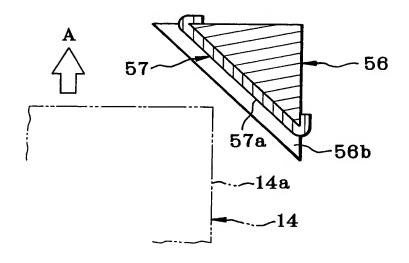
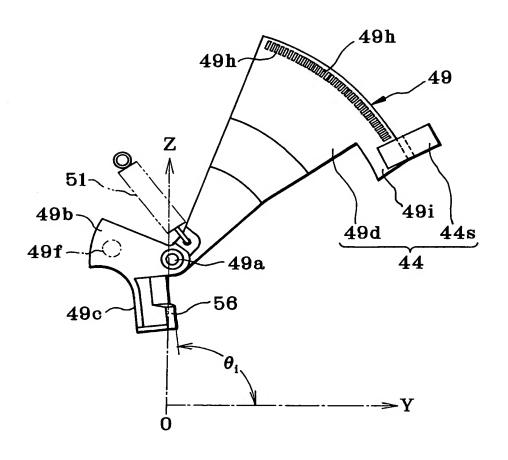
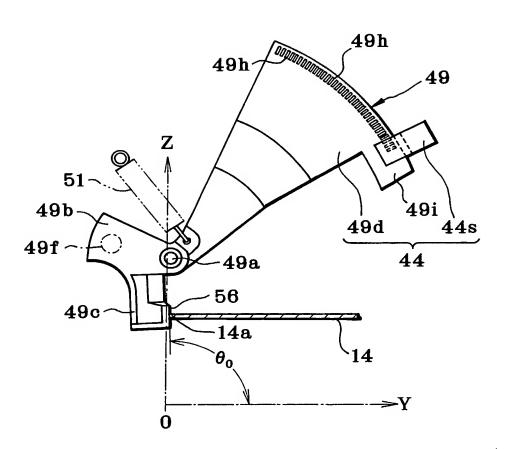


FIG. 9



Junji HAYASHI Q78163 LATERAL EDGE POSITION DETECTOR... Filing Date: October 28, 2003 Darryl Mexic 202-663-7909 8 of 12

FIG. 10



Junji HAYASHI Q78163 LATERAL EDGE POSITION DETECTOR... Filing Date: October 28, 2003 Darryl Mexic 202-663-7909 9 of 12

FIG. 11A

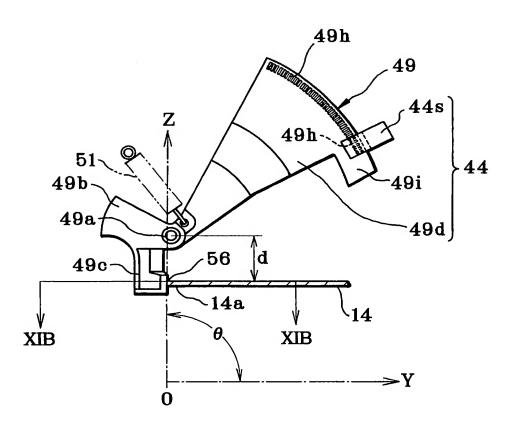
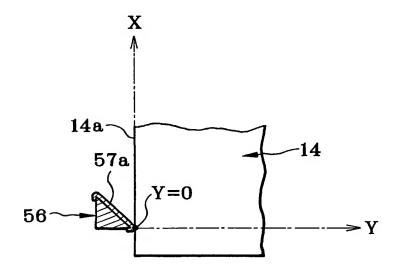
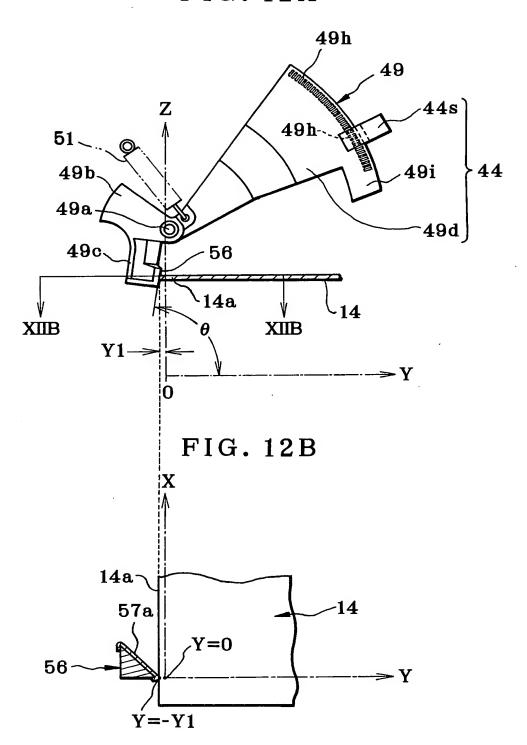


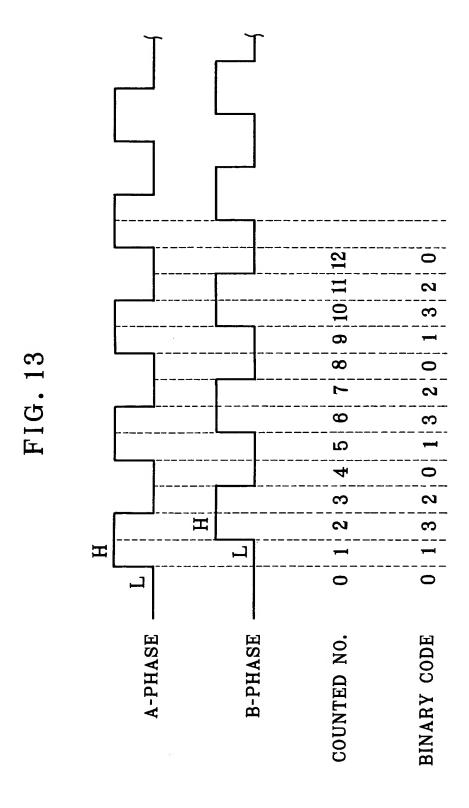
FIG. 11B



Junji HAYASHI Q78163 LATERAL EDGE POSITION DETECTOR... Filing Date: October 28, 2003 Darryl Mexic 202-663-7909 10 of 12

FIG. 12A





Junji HAYASHI Q78163 LATERAL EDGE POSITION DETECTOR... Filing Date: October 28, 2003 Darryl Mexic 202-663-7909 12 of 12

FIG. 14

